

memory alloy to provide an expandable element having the possibility to expand after the insertion of said valve holder to increase its diameter at its upper end to provide a frustoconical portion, whereby the increase of the diameter of the cylinder at its upper end is more than 15 % and whereby the increase of the diameter of said cylindrical valve holder is temperature dependent.

2.(Amended) A valve assembly according to claim 1, wherein the cylindrical valve holder increase its diameter at its lower end.

3.(Amended) A valve assembly according to claim 1, wherein the valve holder comprises at least two frustoconically shaped portions.

4.(Amended) A valve assembly according to claim 2, wherein the valve holder comprises at least two frustoconically shaped portions at one end of the cylinder.

5.(Amended) A valve assembly according to claim 1, wherein the valve holder comprises at least two frustoconically shaped portions at one end of the cylinder as well as at least one frustoconically shaped portion at the opposite end thereof.

6.(Amended) A valve holder according to claim 1, wherein the holder and the housing are detachable from each other when in place in the urethra.

7.(Amended) A valve assembly according to claim 1, wherein the holder and the housing are detachable from each other.

8.(Amended) A valve assembly according to claim 1, wherein the valve holder includes a first portion exhibiting a frustoconical shape, a second portion being essentially cylindrical and a third portion exhibiting a frustoconical shape directed in opposite direction in relation to the first portion.

9.(Amended) A valve assembly according to claim 1, wherein the valve holder includes a first

portion exhibiting at least two parts having frustoconical shape, a second portion being essentially cylindrical and a third portion exhibiting a frustoconical shape directed in opposite direction in relation to the first portion.

10.(Amended) A valve assembly according to claim 1, wherein the holder is helix shaped wire arranged onto the valve housing.

11.(Amended) A valve assembly according to claim 1, wherein the holder comprises a helix shaped wire threaded on external threads arranged on the outside of the valve housing.

12.(Amended) A valve assembly according to claim 1, wherein the increase of the diameter of the helix shaped wire at its upper end is more than 15 %.

13.(Amended) A valve assembly according to claim 11, wherein the increase of the diameter of the cylinder at its upper end is at least 40 %.

14.(Amended) A valve assembly according to claim 1, wherein the increase of the diameter of the helix shaped wire at its upper end is at least 40 %.

15.(Amended) A valve assembly according to claim 1, wherein the increase of the diameter of the helix shaped wire at its upper end after expansion is at least 25 %.

16.(Amended) A valve assembly according to claim 1, wherein the increase of the diameter of the helix shaped wire at its lower end is at least 10 %.

17.(Amended) A valve assembly according to claim 1, wherein the increase of the diameter of the helix shaped wire at its lower end after expansion is at least 20 %.

18.(Amended) A valve assembly according to claim 1, wherein the increase of the diameter of the cylindrical portion of the valve holder is less than 80 %.

19.(Amended) A valve assembly according to claim 1, wherein said valve holder comprise an expandable element having the possibility to shrink upon removal of said valve housing.

20.(Amended) A valve assembly according to claim 1, wherein the total length of the assembly is less than the length of the female urethra where it is intended to be inserted,

21.(Amended) A valve assembly according to claim 1, wherein the total length of the valve is less than 60 mm.

22.(Amended) A valve assembly according to claim 1, wherein the total length of the valve assembly is between 5 and 40 mm, preferably 5-30 mm.

23.(Amended) A valve assembly according to claim 1, wherein at least a part of the length of the valve body of said valve assembly has a bending stiffness higher than 0.0004 Nm^2 (Newton square meter).

24.(Amended) A valve assembly according to claim 1, wherein at least a part of the length of the valve body of said valve assembly has a bending stiffness higher than 0.0004 Nm^2 (Newton square meter) and that at least a part of the length of the valve body of said valve assembly has a bending stiffness lower than 0.05 Nm^2 (Newton square meter).

25.(Amended) A valve assembly according to claim 1, wherein the part of the valve assembly with bending stiffness higher than 0.0004 Nm^2 (Newton square meter) is less than 80% of the length of the female urethra where it is intended to be inserted.

26.(Amended) A valve assembly according to claim 1, wherein the part of the valve assembly with bending stiffness higher than 0.0004 Nm^2 (Newton square meter) is less than 50mm.

27.(Amended) A valve assembly according to claim 1, wherein the part of the valve assembly with bending stiffness higher than 0.0004 Nm^2 (Newton square meter) is less than 40mm.

28.(Amended) A valve assembly according to claim 1, wherein the part of the valve assembly with bending stiffness higher than 0.0004 Nm^2 (Newton square meter) is between 5 and 60 mm.

29.(Amended) A valve adapted to be positioned into a urethra and in a valve assembly according to claim 1, said valve for emptying a patient's urine collected within his bladder, comprising: a tubular vane housing having an upper, lower, and central part and a channel therein; a valve body situated at the lower part of the housing a valve seat situated below said valve body, said central part having at least one drainage hole extending through said tubular housing, said drainage hole located in the area between the upper end and the valve seat, said channel of the valve housing in communication with said drainage hole, said valve body being arranged to be moved in a longitudinal wherein the total length of the valve is less than 60 mm.

30.(Amended) A valve adapted to be positioned into a urethra and in a valve assembly according to claim 1, said valve for emptying a patient's urine collected within his bladder, comprising: a tubular valve housing having an upper, lower, and central part and a channel therein; a valve body situated at the lower end of the housing and attached to a valve rod which in an opposite end thereof comprises a magnet accommodated in the upper portion of the valve; and a valve seat situated below said valve body, said central part having at least one drainage hole extending through said tubular housing, said drainage hole located in the area between the upper part and the valve seat, said channel of the valve housing in communication with said drainage hole, said valve body being arranged to be moved in a longitudinal direction by means of a part of the valve rod extending below said valve rod.

31.(Amended) A valve according to claim 1, wherein the valve housing comprises a magnetic controlled valve.

32.(Amended) A valve according to claim 1, wherein the valve is electro-magnetically controlled.

33.(Amended) A valve according to claim 1, wherein the valve is mechanically controlled.